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A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or soulyalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee. and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assigned Signature Name Jeremy Sánders Telephone Authorized Person for Intellectual Ventures Fund 77 LLC

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the quarte whom as to file cand by the USPT to proceed an application. Confidentially be governed by 35 U.S.C. 1.22 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 reviews to comprete including gallatinity programs, and sourcelling the normalized explanation from the to USPT. Or the alley operation to use on the collection case. Any commontal on this mixed of airs you equate to complete the form adder appetitions for reducing this budder, should be sent to the CMPs information Collection. All Panels and Complete Management (AP. 2.35) Assumed (AP. 2.35) Assumed (AP. 2.35). Assumed that the control of the CMPs information Collection (AP. 2.35) and the CMPs information (TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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I. Jeremy Sanders (whose title is supplied below), hereby declare that I am authorized to sign documents on behalf of Intellectual Ventures Fund 77 LLC.

1 kg	W						
Jeremy/San							
Authorized	Person	for I	ntellectual	Ventures	Fund	77	LLC

18 Apr. 1 Zo12.
Date